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National Agricultural Statistics Service

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Agricultural Prices • Crop Production • Crop Values • Milk Production • Value Added

Kentucky Soybeans Suffer From Too Much Rain

LOUISVILLE, Ky. – The U.S. Department of Agriculture’s National Agricultural Statistics Service (NASS) released its Crop Production report on November 8th which showed a decrease in the soybean production forecast.

“October rainfall took a toll on soybean yields,” said David Knopf, director of the NASS Eastern Mountain Regional Office in Kentucky. “Too much rain has caused the quantity and quality to diminish, and slowed the progress of harvest. On a positive note, the corn yield is forecast to be a record high.”

Corn production in **Kentucky** is forecast at 222 million bushels, down 1 percent from the October forecast and up 2 percent from the previous crop. Yield was estimated at 179 bushels per acre, down 1 bushel from last month and up 1 bushels from the 2017 level. Acres for harvest as grain were estimated at 1.24 million acres, up 20,000 acres from 2017. The **U.S.** corn production is forecast at 14.6 billion bushels, down 1 percent from the October forecast and up slightly from 2017. Based on conditions as of November 1, yields are expected to average 178.9 bushels per acre, down 1.8 bushels from last month and up 2.3 bushels from 2017. Area harvested for grain is forecast at 81.8 million acres, unchanged from the October forecast and down 1 percent from 2017.

Soybean production for **Kentucky** is forecast at 107 million bushels, down 5 percent from the October forecast and up 5 percent from 2017. Yield was estimated at 54 bushels per acre, down 3 bushels from last month and up 1 bushel from a year ago. Acreage for harvest as beans was estimated at 1.99 million acres, up 50,000 acres from the previous year. **U.S.** soybean production is forecast at 4.60 billion bushels, down 2 percent from the October forecast and up 4 percent from last year. Based on November 1 conditions, yields are expected to average 52.1 bushels per acre, down 1.0 bushels from last month and up 2.8 bushels from last year. Area for harvest is forecast at 88.3 million acres, down slightly from the October forecast and down 1 percent from 2017.

Survey responses for this report were collected from producers around November 1. “I want to thank the producers for taking time to provide data for this report,” Knopf said.

**CROP PRODUCTION SUMMARY, NOVEMBER
KENTUCKY AND UNITED STATES**

Crops	Area Planted ¹		Area Harvested		Yield Per Acre			Production	
	2017	2018	2017	2018 ²	2017	2018 ¹		2017	2018 ¹
						Oct 1	Nov 1 ²		
	KENTUCKY								
	(000 ac)	(000 ac)	(000 ac)	(000 ac)	(bushels)	(bushels)	(bushels)	(000 bu)	(000 bu)
Corn ³	1,320	1,340	1,220	1,240	178.0	180.0	179.0	217,160	221,960
Soybeans ³	1,950	2,000	1,940	1,990	53.0	57.0	54.0	102,820	107,460
Wheat, Winter ³⁴	480	450	310	300	77.0	--	--	23,870	19,800
	(000 ac)	(000 ac)	(000 ac)	(000 ac)	(tons)	(tons)	(tons)	(000 tons)	(000 tons)
Hay:									
All	--	--	2,150	2,240	2.48	--	--	5,325	--
Alfalfa	--	--	150	140	3.50	3.70	--	525	518
Other, All	--	--	2,000	2,100	2.40	2.50	--	4,800	5,250
	(acres)	(acres)	(acres)	(acres)	(pounds)	(pounds)	(pounds)	(000 pounds)	(000 pounds)
Tobacco:									
All	--	--	80,500	71,200	2,277	2,033	--	183,300	144,740
Burley	--	--	63,000	53,000	2,050	1,700	--	129,150	90,100
Dark-Fire Cured	--	--	11,500	11,000	3,300	3,200	--	37,950	35,200
Dark-Air Cured	--	--	6,000	7,200	2,700	2,700	--	16,200	19,440
	UNITED STATES								
	(000 ac)	(000 ac)	(000 ac)	(000 ac)	(bushels)	(bushels)	(bushels)	(000 bu)	(000 bu)
Corn ³	90,167	89,140	82,703	81,767	176.6	180.7	178.9	14,604,067	14,625,974
Soybeans ³	90,142	89,145	89,522	88,343	49.3	53.1	52.1	4,410,673	4,599,530
Wheat, Winter ³⁴	32,696	32,535	25,291	24,742	50.2	--	--	1,269,437	1,183,939
	(000 ac)	(000 ac)	(000 ac)	(000 ac)	(tons)	(tons)	(tons)	(000 tons)	(000 tons)
Hay:									
All	--	--	53,784	55,068	2.44	2.44	--	131,455	134,384
Alfalfa	--	--	16,563	17,351	3.32	3.43	--	55,068	59,527
Other, All	--	--	37,221	37,717	2.05	1.98	--	76,387	74,857
	(acres)	(acres)	(acres)	(acres)	(pounds)	(pounds)	(pounds)	(000 pounds)	(000 pounds)
Tobacco:									
All	--	--	321,470	301,980	2,209	1,814	--	710,161	547,812
Burley	--	--	81,500	64,800	1,977	1,743	--	161,140	112,960
Dark-Fire Cured	--	--	19,270	18,880	3,089	3,060	--	59,531	57,772
Dark-Air Cured	--	--	7,600	10,000	2,658	2,644	--	20,200	26,440

¹ Commodities with estimates not available are (denoted by "--"). ² Forecasted. ³ Area harvested represents grain. ⁴ Includes area planted in preceding fall.

KENTUCKY CROPS RANKED BY 2017 VALUE OF PRODUCTION

Commodity & Unit	Rank	2016 Crop Year ¹ Price Per Unit		2017 Crop Year Price Per Unit		Change In Value
		<i>Dollars</i>	<i>1,000 Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>17 % of 16</i>
Soybeans (bu.)	1	9.87	878,430	9.70	992,213	113
Corn for Grain (bu.)	2	3.74	832,524	3.55	770,918	93
Hay, All, baled (ton)	3	133.00	668,700	131.00	615,300	92
Tobacco, All (lb.)	4	2.06	281,025	2.14	391,734	139
Wheat, All (bu.)	5	4.52	144,640	4.68	109,802	76
Total	NA	NA	2,805,319	NA	2,879,967	93

1 Revised.

NA = Not Available

**VALUE ADDED TO THE KENTUCKY ECONOMY
BY THE AGRICULTURAL SECTOR VIA THE PRODUCTION
OF GOODS AND SERVICES, 2013 - 2017**

Item	2013	2014	2015	2016	2017
Value of crop production	3,426,148	2,703,844	2,445,799	2,321,107	2,458,703
Crop cash receipts	2,818,183	2,840,745	2,457,326	2,490,634	2,486,399
Feed crops	944,058	1,071,713	965,758	990,070	948,186
Food grains	252,386	239,237	163,374	152,949	117,307
Oil Crops	1,047,940	932,109	788,400	883,530	907,716
Tobacco	406,024	429,884	371,981	296,272	345,372
All other crops	167,775	167,802	167,813	167,813	167,817
Home consumption	4,256	1,594	13,952	12,968	2,373
Inventory adjustment	603,709	-138,494	-25,480	-182,496	-30,068
Value of animals and products production	3,211,487	3,589,817	3,523,377	2,945,944	3,202,820
Animals and products cash receipts	3,357,384	3,654,312	3,339,399	2,941,088	3,199,321
Dairy products, Milk	227,900	256,194	201,160	179,052	195,615
Meat animals	947,826	1,163,318	1,034,519	830,263	851,814
Miscellaneous livestock	1,011,197	955,312	924,459	909,989	982,610
Poultry and eggs	1,170,461	1,279,488	1,179,261	1,021,784	1,169,281
Home consumption	15,561	6,025	15,998	8,305	9,360
Inventory adjustment	-161,458	-70,520	167,979	-3,449	-5,861
Farm-related income	1,379,829	1,152,519	1,138,489	1,051,510	1,173,340
Forest products sold	26,686	81,085	31,579	23,329	19,416
Gross imputed rental value of farm dwellings	590,512	617,491	598,876	515,373	585,833
Machine hire and custom work	41,114	70,275	57,052	32,101	67,009
Other farm income	721,517	383,668	450,982	480,707	501,083
Total commodity insurance indemnities	223,619	102,890	144,226	160,284	141,278
Federal commodity insurance indemnities	219,964	88,147	131,555	105,625	102,558
Net cash rent received by operator landlords ²	36,461	4,835	33,681	43,550	30,920
Value of agricultural sector production	8,017,464	7,446,180	7,107,665	6,318,561	6,834,864
Intermediate product expenses ¹	3,436,385	3,592,567	3,548,866	3,356,749	3,315,187
Farm origin	1,444,018	1,364,867	1,627,774	1,492,398	1,472,469
Feed purchases	970,021	770,136	997,303	907,879	910,910
Livestock and poultry purchases	211,056	288,688	364,285	287,494	267,779
Seed purchases	262,940	306,043	266,187	297,025	293,779
Manufactured inputs	1,004,147	1,046,752	865,664	820,298	792,574
Electricity	76,766	61,508	80,308	84,301	76,238
Fertilizer, lime and soil conditioners	459,937	476,436	402,445	391,388	349,375
Pesticides	163,680	181,900	151,491	149,750	144,526
Petroleum fuel and oils	303,764	326,908	231,421	194,858	222,434
Other intermediate expenses ¹	988,220	1,180,948	1,055,427	1,044,053	1,050,145
Machine hire and custom work	37,181	47,397	40,388	42,080	40,145
Marketing, storage, and transportation	97,814	110,133	133,338	137,621	125,035
Repair and maintenance ¹	287,822	310,427	283,940	244,257	249,573
Miscellaneous expenses ¹	565,403	712,991	597,761	620,095	635,392
Total insurance premiums ⁴	160,124	209,894	156,815	148,672	164,484
Federal commodity insurance premiums	59,048	55,604	52,388	52,787	58,062
Irrigation	1,449	5,683	1,615	1,847	1,583
Contract labor	81,024	98,242	68,432	41,021	41,520
Net government transactions	141,985	-20,366	-50,133	-39,026	-10,873
Direct Government payments	290,054	238,153	127,707	128,875	169,401
Property taxes and fees ¹	148,069	258,519	177,841	167,901	180,274
Motor vehicle registration and licensing fees	14,438	22,889	17,451	18,276	19,884
Gross value added	4,642,040	3,735,005	3,440,234	2,881,765	3,467,284
Capital consumption ¹	763,724	1,017,242	863,755	915,714	785,913
Net value added	3,878,317	2,717,762	2,576,479	1,966,051	2,681,372
Factor payments to stakeholders ³	911,736	972,758	918,442	971,308	934,205
Employee compensation (hired labor and non-cash)	361,494	360,100	323,808	370,992	343,286
Net rent paid to operator landlords	67,419	71,343	64,393	60,784	52,044
Net rent paid to nonoperator landlords	189,438	231,107	208,594	196,901	168,590
Total interest expenses ¹	293,386	310,209	321,646	342,631	370,284
Net farm income	2,966,581	1,745,004	1,658,037	994,743	1,747,167

Source: USDA - Economic Research Service. ** Data as of August 30, 2018.

NA = Data are not available ** Values are rounded to the nearest thousand.

¹ Including expenses associated with operator dwellings. ² Share rent income is included in cash receipts. ³ Prior to 2008, factor payments to stakeholders only includes net rent paid to nonoperator landlords. ⁴ Includes federal and private crop and livestock insurance premiums as well as casualty, hail, motor vehicle and all other insurance premiums.

**Milk Cows & Milk Production, Selected States & U.S.
Preliminary July-September, 2017 - 2018**

State	Jul - Sep Milk Cows ¹		Jul - Sep Milk Production ²		
	2017	2018	2017	2018	18 % 17
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Percent</i>
CA	1,746	1,734	9,708	9,815	1.01
IL	93	92	462	448	0.97
IN	187	184	1,040	1,020	0.98
KY	55	54	236	232	0.98
MN	458	451	2,473	2,501	1.01
MO	85	82	286	280	0.98
OH	263	256	1,393	1,351	0.97
TX	515	535	2,984	3,239	1.09
VA	87	83	417	389	0.93
WI	1,278	1,274	7,641	7,769	1.02
US	9,402	9,375	53,473	53,966	1.01

¹ Includes dry cows, excludes heifers not yet fresh.

² Excludes milk sucked by calves.

Crop Average Prices Received ¹

Commodity	Kentucky		U.S.	
	Sep 2017	Sep 2018	Sep 2017	Sep 2018
	\$	\$	\$	\$
All Corn (Bu) ²³	3.52	3.61	3.27	3.39
Soybeans (Bu) ²	9.53	9.18	9.35	8.77
Winter Wheat (Bu) ²	(4)	(4)	4.11	5.14
Hay, Alfalfa (Ton)	205.00	220.00	149.00	180.00
Hay, Other (Ton)	100.00	150.00	114.00	130.00

¹ Only full month prices published starting in January 2015. ² Includes contract sales paid during month. ³ Includes yellow and white corn. ⁴ Kentucky is a minor State, not published separately.

Livestock Average Prices Received ^{1 2}

Commodity	United States		
	Sep 2017	Aug 2018	Sep 2018
	\$ / Cwt.	\$ / Cwt.	\$ / Cwt.
All Hogs	48.90	44.30	43.20
Barrows & Gilts	49.00	44.70	43.70
Sows	45.50	34.00	28.60
All Beef Cattle ³	105.00	110.00	108.00
Steers & Heifers ⁴	107.00	112.00	110.00
Cows	69.90	63.00	60.80
Calves ⁵	173.00	160.00	169.00

¹ U.S. prices based on data provided by USDA AMS. ² Only full month prices published starting in January 2015. ³ "Steers & Heifers" and "Cows" combined. ⁴ 500 lbs. and over. ⁵ Under 500 lbs.

Internet Access: Data including this report are available free of charge on our Internet homepage located at <http://www.nass.usda.gov/ky>. Links to the Kentucky Department of Agriculture, the University of Kentucky Agricultural Weather Center and other web sites related to Kentucky Agriculture are also included. National & State reports and data are available on the USDA, National Agricultural Statistics Service homepage located at <http://www.nass.usda.gov/>